

FACSIMILE OF FORM PTO-1449 (REV. 6-89) INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	ATTORNEY'S DOCKET NUMBER 04338.0009	SERIAL NUMBER 09/819,140
	APPLICANT Casimir C. Klimasauskas		
	FILING DATE 3/27/01	GROUP ART UNIT	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE APPROPRIATE
GP	5,111,531	1992	Grayson et al			RECEIVED JUN 28 2001 Technology Center 2100
	5,142,612	1992	Sheirik			
	5,159,660	1992	Lu et al			
	5,386,373	1995	Keeler et al			
	5,396,415	1995	Konar et al			
	5,471,381	1995	Khan			
SN	5,477,444	1995	Bhat et al			

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						YES	NO

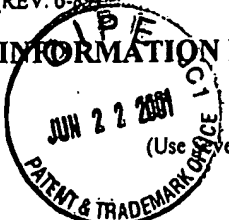
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

GP		Geladi, Paul et al., "Partial Least-Squares Regression: A Tutorial," <i>Analytica Chimica Acta</i> , 185 (1986) pp. 1-17.
1		Serth, R.W., et al., "Gross Error Detection and Data Reconciliation in Steam-Metering Systems," <i>A.I. Ch.E. Journal</i> , May 1986, vol. 32, No. 5, pp. 733-742
		Serth, R.W., et al., "Detection of Gross Errors in Nonlinearly Constrained Data: A Case Study," <i>Chem. Eng. Comm.</i> 1987, vol. 51, pp. 89-104
		Wold, Svante, et al., "Nonlinear PLS Modeling," <i>Chemometrics and Intelligent Laboratory Systems</i> , 7 (1989), pp. 53-65
SN		Kramer, et al., "Diagnosis Using Backpropagation Neural Networks--Analysis and Criticism," <i>Computers Chem. Engng.</i> , vol. 14, No. 2, 1990, pp. 1323-1338

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

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80			Helland, Kristain, et al., "Recursive algorithm for partial least squares regression," Chemometrics and Intelligent Laboratory Systems, 14 (1991), pp. 129-137				
1			Puskorius, G.V., et al., "Decoupled Extended Kalman Filter Training of Feedforward Layered Networks," IEEE, 1991, pp. I-771-I-777				
X			Qin, S.J. et al., "Nonlinear PLS Modeling Using Neural Networks," Computers Chem. Engng., vol. 16, No. 4, 1992, pp. 379-391				
			Su, Hong-Te, et al., "Integrating Neural Networks with First Principles Models of Dynamic Modeling," IFAC Symp. on DYCOR+, 1992, pp. 77-82				
			Kramer, Mark A., et al., "Embedding Theoretical Models in Neural Networks," 1992 ACC/WA14, pp. 475-479				
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SA			Thompson, Michael L., et al., "Modeling Chemical Processes Using Prior Knowledge and Neural Networks," A.I. Ch.E. Journal, August 1994, vol. 40, No. 8, pp. 1328-1340				
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SA		Haykin, Simon, "Neural Networks Expand SP's Horizons," IEEE Signal Processing Magazine, March 1996, pp. 24-49
		Mulgrew, Bernard, "Applying Radial Basis Functions," IEEE Signal Processing Magazine, March 1996, pp. 50-65
		Jain, Anik K. et al., "Artificial Neural Networks: A Tutorial" Computer March 1996. vol. 29, no. 3, pp. 31-44
		Shang, Yi and Wah, Benjamin, "Global Optimization for Neural Network Training," Computer March 1996, vol. 29, no. 3, pp. 45-54
		Serbedzija, Nikola B., "Simulating Artificial Neural Networks on Parallel Architecture," Computer, March 1996, vol. 29, no. 3., pp. 57-63
		Tan, Chew Lim et al., "An Artificial Neural Network that Models Human Decision Making," Computer, March 1996, vol. 29, no. 3, pp. 64-70
		Setiono, Rudy, et al. "Symbolic Representation of Neural Networks," Computer, March 1996, vol. 29, no. 3, pp. 71-77
SA		Zhao, Hong, et al., "Modeling of Activated Sewage Wastewater Treatment Processes Using Integrated Neural Networks and a First Principle Model," IFAC, 13th World Congress, 1996, pp. 1-5

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		Westinghouse Electric Corporation, Descriptive Bulletin 21-196, WDPFII WEStation Historian, pp. 1-4					
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X	SA	Rayburn, et al., "The use of back propagation neural networks to identify mediator-specific cardiovascular waveforms," IEEE 1990 IJCNN Int. Joint conf. Neural Networks; pp. 105-110 (1990)					
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